



DT16R PCT/PTO JUN 11 2002 pCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

LIANG ET AL.

Serial No: 10/070560

Filed: March 8, 2002

For: **METHOD OF PRODUCING AND PURIFYING  
ENDOSTATIN PROTEIN**

Group Art No: Unassigned

Examiner: Unassigned

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

The citation of information on the attached Form PTO/SB/08A, "List of Art Cited by Applicant" is made pursuant to 37 C.F.R. §§ 1.97 and 1.98. A copy of all listed items is enclosed. The citation of this information does not constitute an admission that any of the materials are available as a reference or of priority, or a waiver of any right applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,

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Our Docket: 05213-0551US (43170-258385)

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC, 20231, on June 6, 2002.

By:

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Theodore M. Green - Reg. No. 41,801

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Substitute for Form 1449/A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
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JUN 11 2012  
U.S. PATENT AND TRADEMARK OFFICE

				Complete if Known	
Application No.		10/070560			
Filing Date		11/30/2001			
First Named Inventor		Liang et al.			
Group Art Unit		Not Yet Assigned			
Examiner Name		Unassigned			
Sheet	1	of	3	Attorney Docket Number	05213-0551US(43170-258385)

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/SHS/	1	5,854,205		O'Reilly et al.	12/29/1998	

Examiner Signature	Shulamith H. Shafer	Digitally signed by Shulamith H. Shafer USPTO-SB-08A-1000 2012-06-11 11:21:34-04'00	Date Considered	11/12/2007
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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Substitute for Form 1449/A/PTO				Complete <input checked="" type="checkbox"/>	
				Application No.	10/070560
				Filing Date	03/08/2002
				First Named Inventor	Liang et al.
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	2	of	3	Attorney Docket Number	05213-0551US(43170-258385)

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Office <sup>3</sup>	Number <sup>4</sup>				
/SHS/	2	WO	96/08274	A2	Prizm Pharmaceuticals, Inc.	03/21/1996	
/SHS/	3	WO	99/26480	A1	Genetix Pharmaceuticals, Inc. and MIT	06/03/1999	

Examiner Signature	Shulamith H. Shafer	Digitally signed by Shulamith H. Shafer DN: cn=Shulamith H. Shafer, o=USPTO, ou=ST-1647, c=US Date: 2007.11.12 07:31:40-05'00'	Date Considered	11/12/2007
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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### Sheet

3

9

Attorney Docket Number

KRONIK

Application No.	10/070560
Filing Date	03/08/2002
First Named Inventor	Liang et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned

**OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS**

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T <sup>2</sup>
/SHS	4	Author: BOEHM ET AL. Publ: Yeast	Title: Disruption of the KEX1 Gene in <i>Pichia pastoris</i> Allows Expression of Full-Length Murine and Human Endostatin	Vol/Iss: 15	Pages: 563-572	Date: 1999
	5	Author: BOEHM ET AL. Publ: <u>Biochemical and Biophysical Research Communications</u>	Title: Zinc-Binding of Endostatin is Essential for Its Antiangiogenic Activity	Vol/Iss: 252	Pages: 190-194	Date: 1998
	6	Author: DHANABAL ET AL. Publ: <u>Cancer Research</u>	Title: Endostatin: Yeast Production, Mutants, and Antitumor Effect in Renal Cell Carcinoma	Vol/Iss: 59	Pages: 189-197	Date: 01/01/1999
	7	Author: JOHN ET AL. Publ: <u>Biochemistry</u>	Title: Novel Glycosylated Forms of Human Plasma Endostatin and Circulating Endostatin-Related Fragments of Collagen XV	Vol/Iss: 38 (32)	Pages: 10217-10224	Date: 08/10/1999
	8	Author: SHEPARD ET AL. Publ: <u>Abstracts of Papers American Chemical Society</u>	Title: Purification of Recombinant Human Endostatin and Angiostatin from <i>Pichia Pastoris</i> Fermentation Broth: Expanded Bed Adsorption Chromatography Method Development and Scale Up	Vol/Iss: 219 (1-2)	Pages: BIOT 212	Date: 03/26/2000
↓	9	Author: STANDKER et al. Publ: <u>FEBS Letters</u>	Title: Isolation and characterization of the circulating form of human endostatin	Vol/Iss: 420	Pages: 129-133	Date: 1997

Examiner Signature	Shulamith H. Shafer	Digitally signed by Shulamith H. Shafer Date: 2021.05.11 10:30:27-04'00' Location: 10.0.0.104 Signature Hash (SHA256): 30:4D:5B:3A:4C:6D:40:3A:5D:40:40:40:40:40:40:40:40	Date Considered	11/05/2007
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"Unique citation designation number." See attached *Kinds of U.S. Patent Documents*. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3)." For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. "Applicant is to place a check mark here if English language translation is attached.